



# **The Future of Armored Maneuver**

*The Armored Force in Decisive Action*

***Maneuver Conference, Fort Benning GA  
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***LTG Sean MacFarland  
III Corps Commanding General***





# What does the Future of Maneuver Look Like?

- Seizing a Lodgment by Airborne or Amphibious Operation in order to...
- Rapidly Build Up Follow-on (Armored) Forces by
  - APS Ashore and Afloat equipment and/or
  - Airlanded equipmentWith...
- Expeditionary Sustainment Capability enabling...
- Decisive Maneuver with Supporting Joint Fires in...
- Complex Urban Environments against...
- Hybrid Threats across...
- The Planet



# The Armored Force in Decisive Action

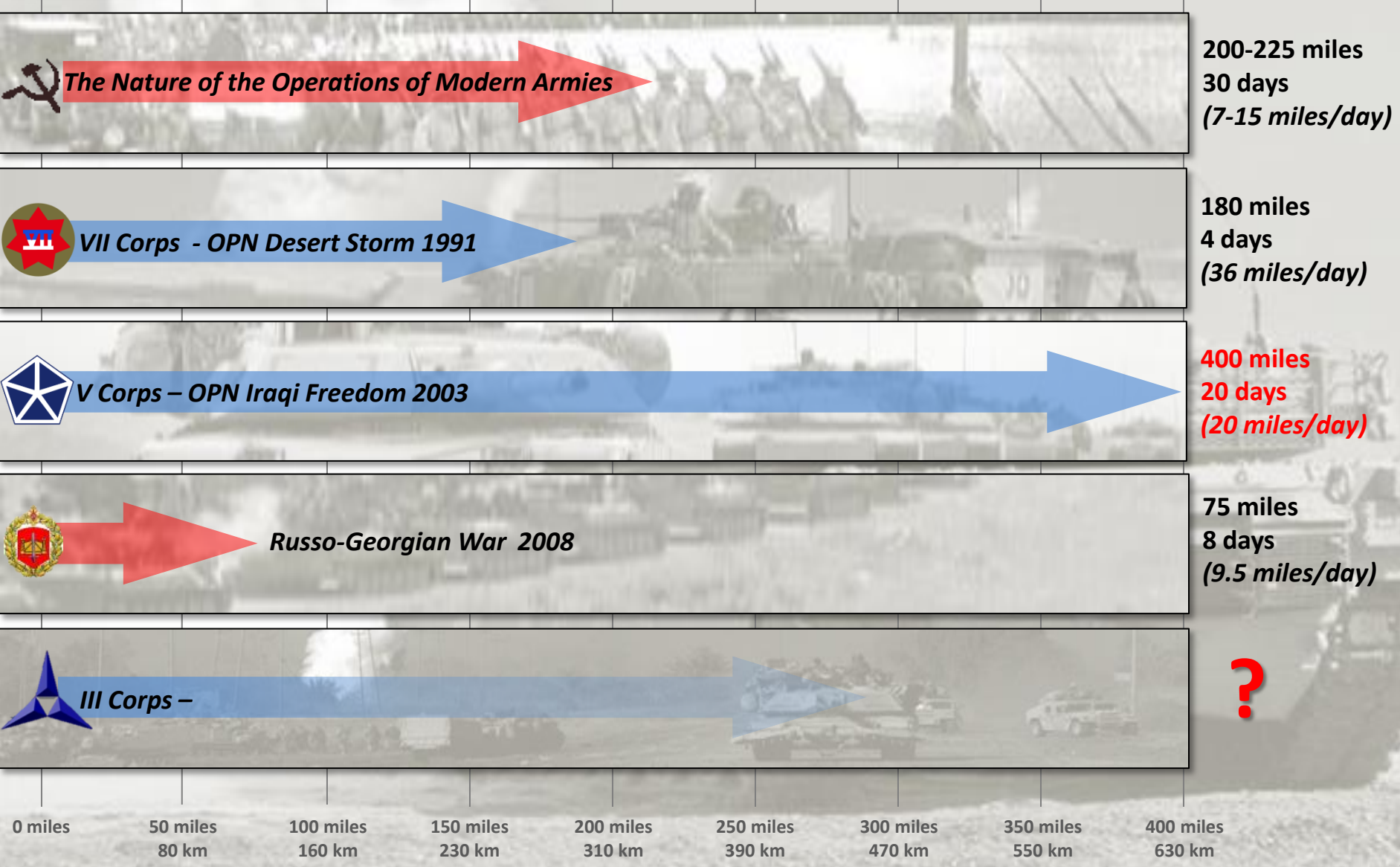
*The Demand for Forces in One Division*





# The Armored Force in Decisive Action

## *Operational Maneuver – Looking Back to the Future*





# The Armored Force in Decisive Action

*How will America's Armored Forces Fight in the 21<sup>st</sup> Century?*

## ➤ **Using Fires**

- Battlespace Framework and Management
- Air Ground Operations and Joint Integration
- Targeting

## ➤ **At Operational Depth**

- Massing Effects
- Quality Formations, the building blocks of Operational Maneuver – the ABCT
- What is the line between Corps and Divisions? Divisions and BCTs?

## ➤ **With Flexibility**

- Mission Command Systems – Capability vs. Complexity
- Combined Arms – MTOE vs. Task Organization

## ➤ **Air and Joint Enablers**

- Supporting Operational Maneuver

## ➤ **Sustained Combat Operations**

- Sustainment Force Structure
- Total Force Integration





# The Armored Force in Decisive Action

*ABCTs: Optimized for Threat and Environment*

2003 (OIF)

## 1<sup>st</sup> Brigade, 3ID

M1A1: 54  
M2/M3: 108  
M109: 18  
Dismounts: 755

2014

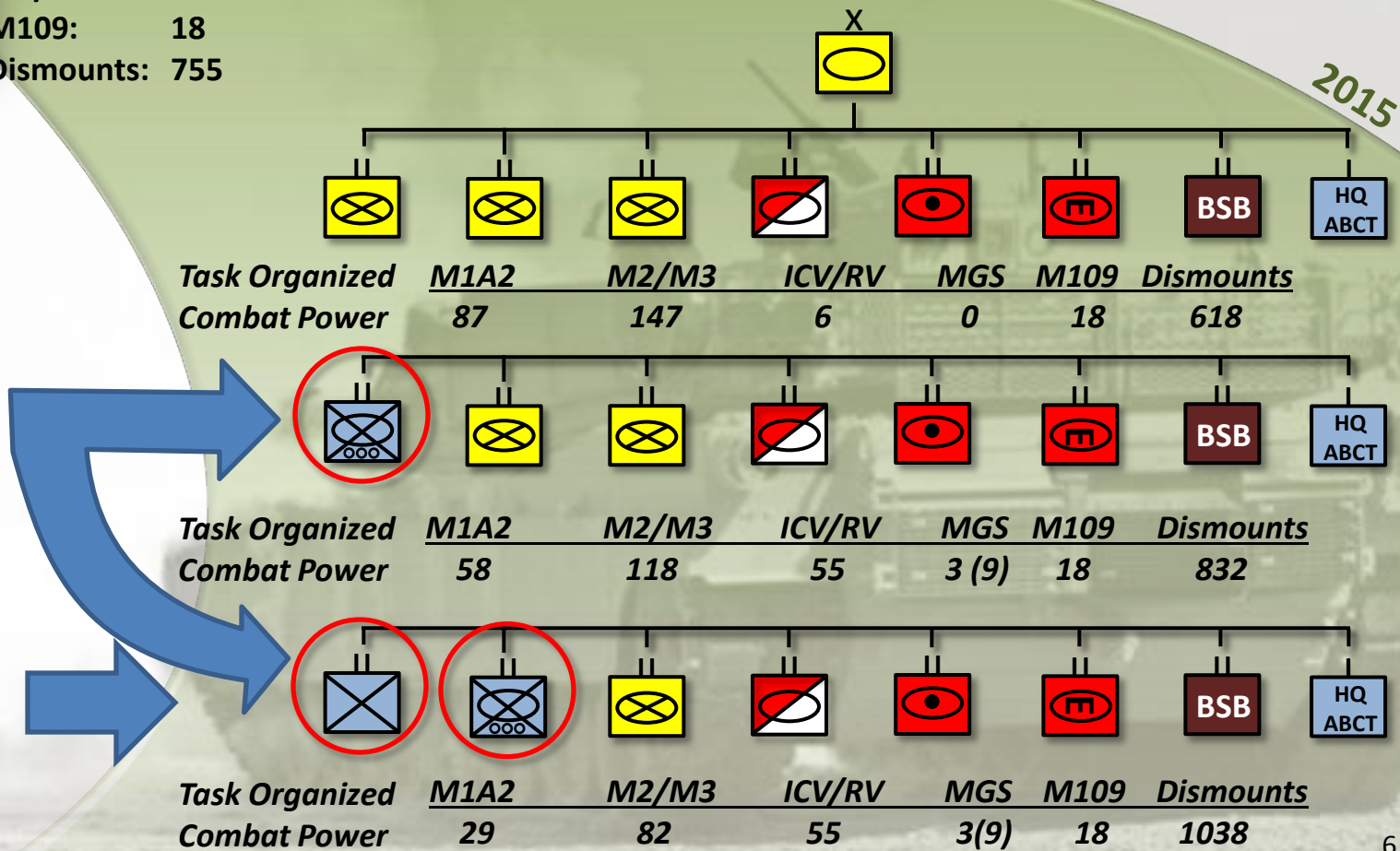
2015

## SBCT

MGS: 9 (27)  
ICV/RV: 192  
M777: 18  
Dismounts: 1335

## IBCT

Dismounts: 1461



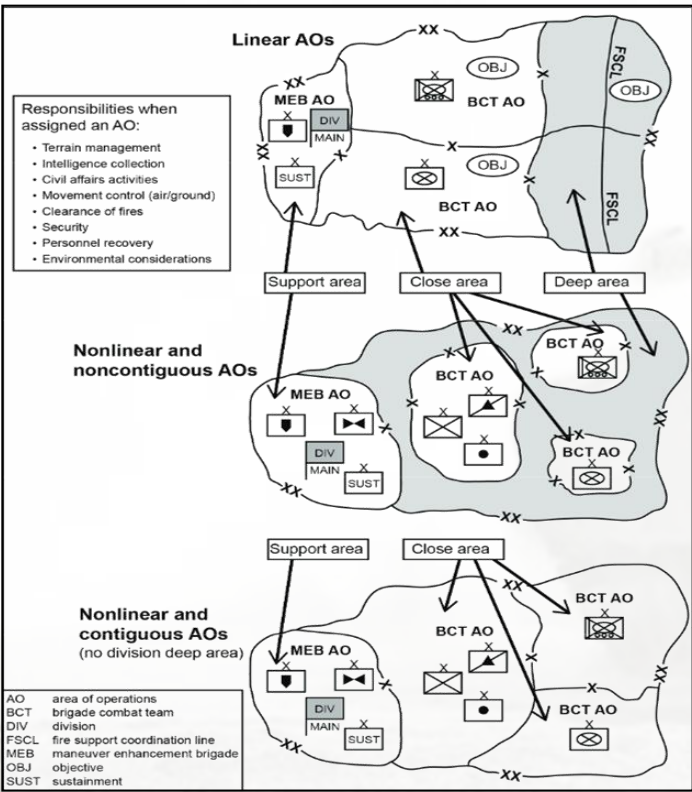


# The Armored Force in Decisive Action

## *Fires – Massing Effects to Manage DIV and BCT Transitions*

### Fires Challenges and Opportunities

- Battlefield Framework
- FSCM Management and Flexibility
- Fires Capabilities
- CALE vs. ASOC (JAGIC)



Joint Fires and Enablers

Air Ground Operations

Corps and Division Artillery













# The Armored Force in Decisive Action

## *ABCT Organic Capabilities Challenges*

### Mobility/Counter Mobility Capabilities – The Breach

- 6 x ABVs per ABCT
- 4 x AVLB/Wolverine per ABCT
- Smoke - No organic smoke capability in AC
- Volcano – Not organic to ABCT



								
ABV	6/6	6/6	6/6	0/6	0/6	0/6	0/6	2/6
Gap Crossing	2/4 Wolverines	4/4 Wolverines	2/4 Wolverines	4/4 AVLB	2/4 AVLB	0/4 Wolverines	6/6 Wolverines	3/4 AVLB
Volcano	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
Smoke (M58A3)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0



### Protection Capabilities

- SHORAD / Counter-UAS
- CBRNE





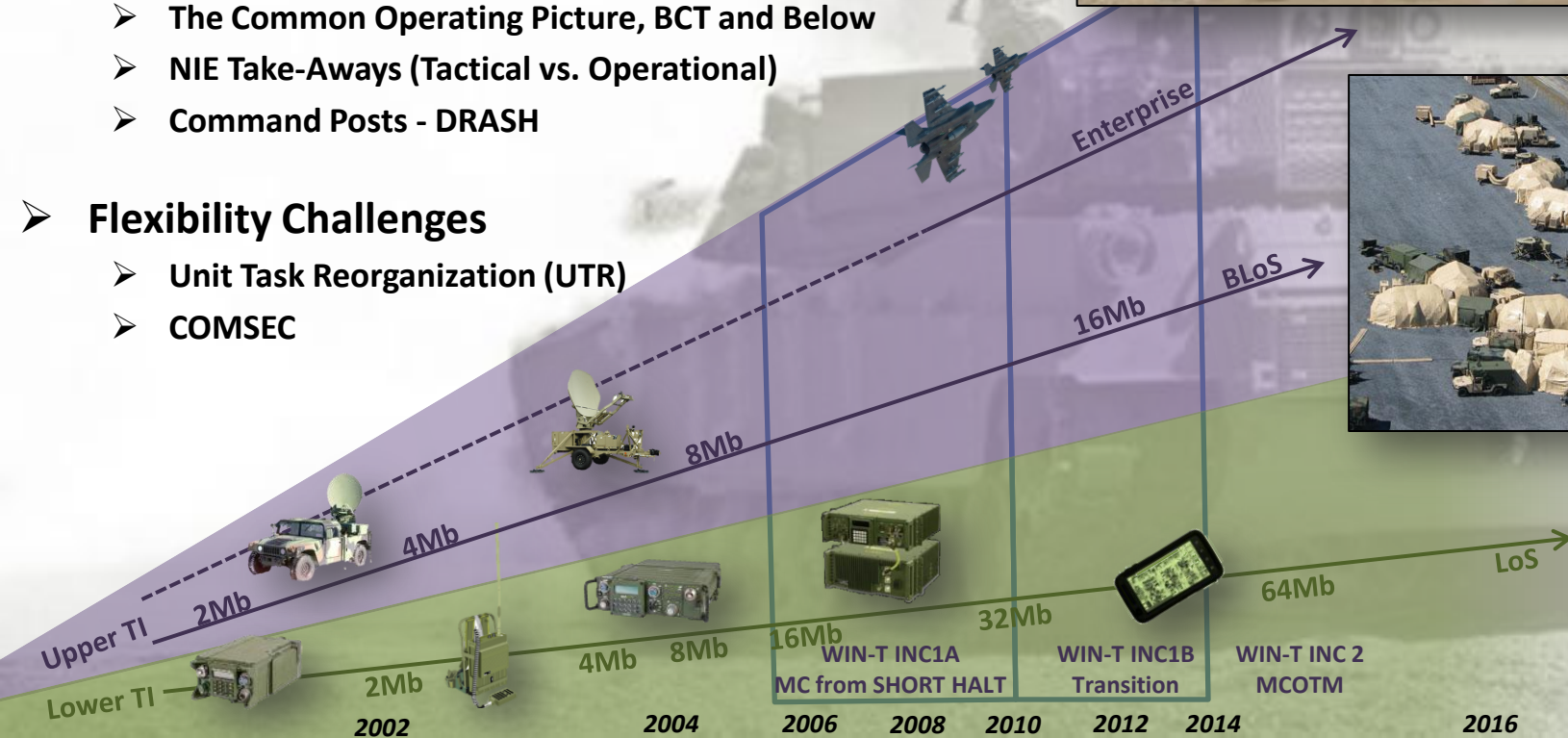


# The Armored Force in Decisive Action

## *Mission Command Challenges and Opportunities*

### Command and Control in 2014

- Capabilities, V Corps - III Corps
  - Terrestrial - Space
  - Analog – Digital
- Capacity vs. Complexity
  - The Common Operating Picture, BCT and Below
  - NIE Take-Aways (Tactical vs. Operational)
  - Command Posts - DRASH
- Flexibility Challenges
  - Unit Task Reorganization (UTR)
  - COMSEC





# The Armored Force in Decisive Action

## *Sustainment Challenges and Opportunities*

### Sustainment Challenges and Opportunities

#### ➤ Readiness

- Training Resource Model Changes
- Mechanic Experience/Training
- Maintenance Management Experience
- Low-Usage/Admin Storage hidden costs

#### ➤ Sustaining Operations

- Effects of Modularity
- Weapons System Replacement Operations
- ASL stockage and repair parts supply chain
- Cold Production Lines – Lead Times

#### ➤ Sustainment Force Structure

- COSCOM – ESC
- MSB - CSSB
- FSB - BSB







# The Armored Force in Decisive Action

## *The Armored Force in Urban Environments*

*“Cities with populations of ten million or more are given a special designation: megacity. There are currently over twenty megacities in the world, and by 2025 there will be close to forty.”*

*- SSG report “A Proposed Framework for Appreciating Megacities: A US Army Perspective.”*

## Armor in the Megacity

### ➤ New Approaches, New Doctrines, Old Lessons

- Armored Forces in Urban Environments
- Task Organization

### ➤ Joint, Interagency, and Multi-National (JIM)

- Interoperability
- Interdependence

### ➤ Regionally Aligned Forces

- Institutional Knowledge

### ➤ The Role of Armor

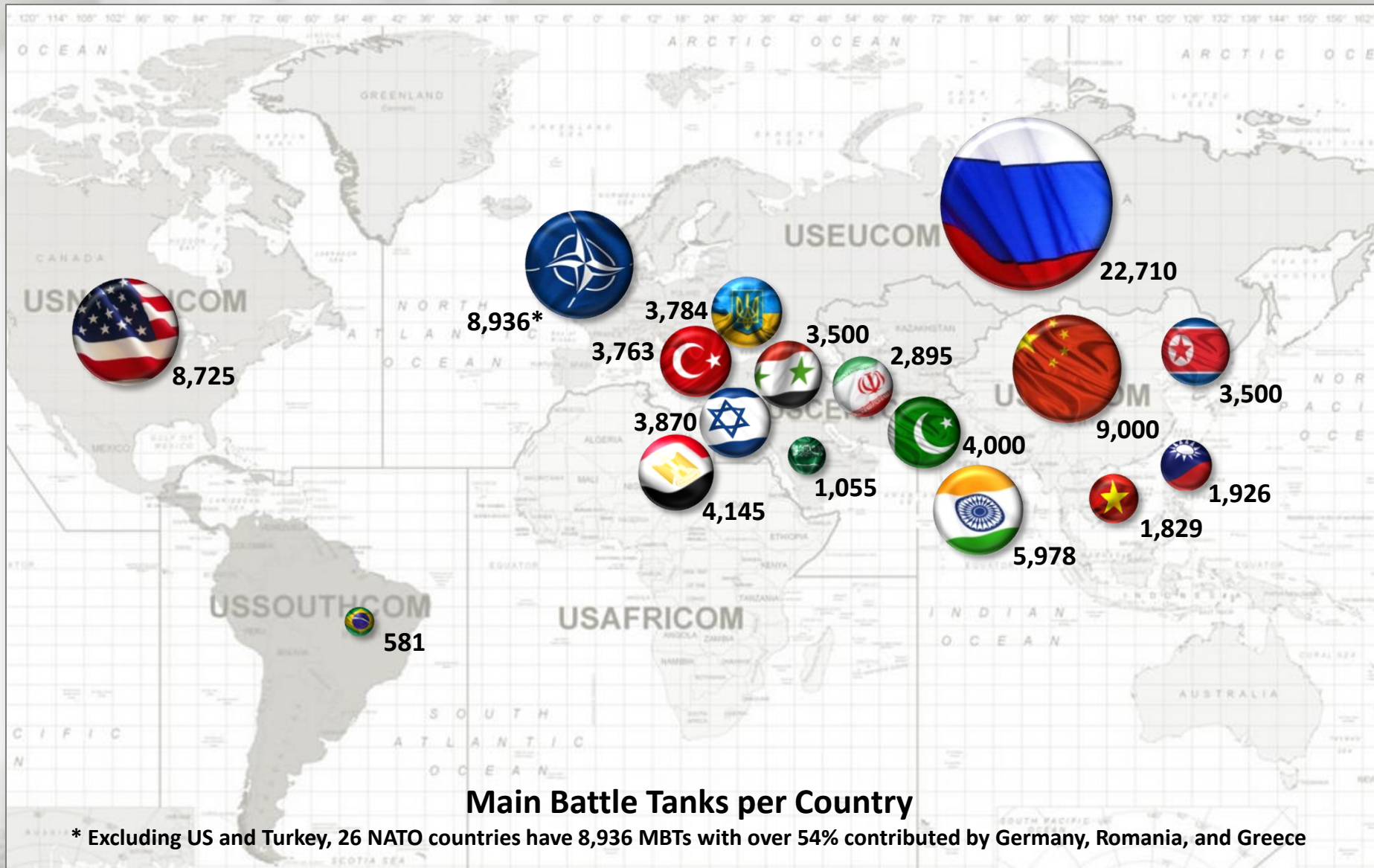
- Simultaneity
- Mobile Protected Firepower
- The Combined Arms Team





# The Armored Force in Decisive Action

## *The Decisive Action Environment*





# The Armored Force in Decisive Action

*Is Armored Warfare Something We Value?*

## The Future of Armor Branch- Challenges and Opportunities for a Force in Transition

- **Talent Management**  
*Mounted Warfare as a Specific Skill Set*
- **Leader Development**  
*Core Competencies*
- **Force Structure and Capabilities**  
*Setting Conditions for Decisive Action*

